

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
06155-081001Application No.
09/705,007**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Shlomo Assa et al.Filing Date
November 2, 2000Group Art Unit
~~2853~~ 2861**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
80	AA	3,571,554	3/23/1971	Baujoin	219	121.75	
	AB	3,648,601	3/14/1972	Weidman	101	35	
	AC	3,714,393	1/30/1973	Johnson et al.	377	24	
	AD	3,725,655	4/3/1973	Edstrom et al.	702	158	
	AE	3,761,675	9/25/1973	Mason et al.	219	121.67	
	AF	3,803,637	4/9/1974	Martin et al.	347	256	
	AG	3,824,015	7/16/1974	Petit et al.	356	28	
	AH	3,848,104	11/12/1974	Locke	219	121.65	
	AI	3,863,565	2/4/1975	Patykula	101	44	
	AJ	3,885,873	5/27/1975	Andermo	356	28	
	AK	3,898,417	8/5/1975	Atkinson	219	121.61	
	AL	4,011,437	3/8/1977	Hohn	318	568.23	
	AM	4,024,545	5/17/1977	Dowling et al.	347	259	
	AN	4,025,752	5/24/1977	Whitman, III	219	384	
	AO	4,049,945	9/20/1977	Ehlscheid et al.	219	121.67	
	AP	4,063,064	12/13/1977	Saunders et al.	219	121.7	
	AQ	4,065,212	12/27/1977	Belleson et al.	356	398	
	AR	4,083,053	4/4/1978	Ouchi et al.	347	4	
	AS	4,086,522	4/25/1978	Engelberger et al.	318	568.13	
	AT	4,088,864	5/9/1978	Theeuwes et al.	219	121.71	
	AU	4,099,830	7/11/1978	Whittle et al.	359	217	
	AV	4,100,599	7/11/1978	Nally	702	149	
	AW	4,106,965	8/15/1978	Lee	156	123	
	AX	4,154,530	5/15/1979	Connolly, Jr. et al.	356	139.05	
	AY	4,160,894	7/10/1979	Stemmler et al.	219	121.67	
	AZ	4,207,985	6/17/1980	Lockett et al.	209	564	
88	AAA	4,218,606	8/19/1980	Whitman, III	219	121.6	

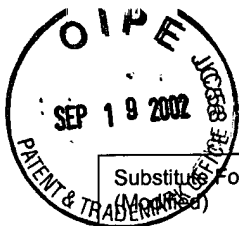
Examiner Signature

David P. Hearn

Date Considered

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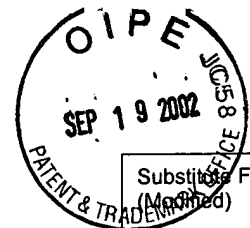
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
HP	ABB	4,240,017	12/16/1980	Uekusa	318	600	
	ACC	4,271,968	6/9/1981	Mehrkam et al.	209	564	
	ADD	4,283,145	8/11/1981	Miyazawa	356	364	
	AEE	4,285,012	8/18/1981	Ohara et al.	358	496	
	AFF	4,297,559	10/27/1981	Whitman, III	219	121.62	
	AGG	4,307,282	12/22/1981	Gappa	219	121.69	
	AHH	4,319,122	3/9/1982	Pope et al.	219	121.63	
	AII	4,323,755	4/6/1982	Nierenberg	219	121.69	
	AJJ	4,334,471	6/15/1982	Noyes et al.	101	228	
	AKK	4,338,114	7/6/1982	Brockway et al.	65	28	
	ALL	4,338,147	7/6/1982	Backstrom et al.	156	187	
	AMM	4,354,196	10/12/1982	Neumann et al.	347	249	
	ANN	4,371,782	2/1/1983	Brouwer	250	202	
	AOO	4,375,025	2/22/1983	Carlson	219	121.68	
	APP	4,404,454	9/13/1983	Taylor et al.	219	121.7	
	AQQ	4,480,169	10/30/1984	Macken	219	121.68	
	ARR	4,497,995	2/5/1985	Nilsen	219	121.63	
	ASS	4,557,386	12/10/1985	Buckley et al.	209	556	
	ATT	4,560,856	12/24/1985	Miller et al.	219	121.63	
	AUU	4,564,739	1/14/1986	Mattelin	219	121.68	
	AVV	4,576,286	3/18/1986	Buckley et al.	209	558	
	AWW	4,578,329	3/25/1986	Holsappel	430	18	
	AXX	4,584,455	4/22/1986	Tomizawa	219	121.68	
	AYY	4,587,396	5/6/1986	Rubin	219	121.78	
	AZZ	4,590,859	5/27/1986	Pou et al.	101	484	
	AAAA	4,618,759	10/21/1986	Muller et al.	219	121.75	
HP	ABBB	4,626,649	12/2/1986	Dupeyrat	219	121.78	

Examiner Signature <i>Handwritten Signature</i>	Date Considered 11/4/02
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
HP	ACCC	4,626,656	12/2/1986	Ootsuka et al.	219	121.68	
	ADDD	4,636,043	1/13/1987	Bellar	359	223	
	AEEE	4,638,144	1/20/1987	Latta, Jr.	219	121.68	
	AFFF	4,652,722	3/24/1987	Stone et al.	219	121.76	
	AGGG	4,675,498	6/23/1987	Lemelson	219	121.62	
	AHHH	4,695,698	9/22/1987	Mayor et al.	219	121.6	
	AIII	4,703,166	10/27/1987	Bruning	250	203.1	
	AJJJ	4,707,709	11/17/1987	Tsilibes	347	255	
	AKKK	4,720,618	1/19/1988	Stamer et al.	219	121.61	
	ALLL	4,725,709	2/16/1988	Mattelin	219	121.8	
	AMMM	4,727,235	2/23/1988	Stamer et al.	219	121.68	
	ANNN	4,736,187	4/5/1988	Kibrick et al.	341	3	
	AOOO	4,742,206	5/3/1988	Dietterich et al.	219	121.67	
	APPP	4,758,703	7/19/1988	Drever et al.	219	121.68	
	AQQQ	4,769,310	9/6/1988	Gugger et al.	430	346	
	ARRR	4,791,267	12/13/1988	Yokoyama et al.	219	121.69	
	ASSS	4,797,532	1/10/1989	Maurov	219	121.74	
	ATTT	4,799,215	1/17/1989	Suzuki	370	227	
	AUUU	4,803,336	2/7/1989	Myer	219	121.68	
	AVVV	4,806,727	2/21/1989	Ruckl	219	121.68	
	AWWW	4,808,790	2/28/1989	Ruckl	219	121.68	
	AXXX	4,822,973	4/18/1989	Fahner et al.	219	121.6	
	AYYY	4,852,020	7/25/1989	Morita	345	441	
	AZZZ	4,854,696	8/8/1989	Guez	352	90	
	AAAAA	4,870,623	9/26/1989	Buckley et al.	367	7	
	ABBBB	4,874,919	10/17/1989	Brandsen et al.	219	121.68	
HP	ACCCC	4,901,073	2/13/1990	Kibrick	341	13	

Examiner Signature <i>Harold Pham</i>	Date Considered 11/4/02
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U.S. Patent Documents							
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WP	ADDDD	4,906,813	3/6/1990	Gajdos	219	121.68	
	AEEEE	4,914,437	4/3/1990	Kibrick et al.	341	3	
	AFFFF	4,918,284	4/17/1990	Weisz	219	121.78	
	AGGGG	4,941,082	7/10/1990	Pailthorp et al.	700	57	
	AHHHH	4,952,789	8/28/1990	Suttie	219	121.59	
	AIIII	4,956,539	9/11/1990	Uesugi et al.	219	121.8	
	AJJJJ	4,965,829	10/23/1990	Lemelson	382	101	
	AKKKK	4,969,134	11/6/1990	Balderson	368	239	
	ALLLL	4,970,366	11/13/1990	Imatou et al.	219	121.68	
	AMMMM	4,970,600	11/13/1990	Garnier et al.	219	121.68	
	ANNNN	4,987,287	1/22/1991	Jack	219	121.69	
	AOOOO	5,021,631	6/4/1991	Ravellat	219	121.68	
	APPPP	5,041,716	8/20/1991	Wakabayashi	219	121.68	
	AQQQQ	5,049,721	9/17/1991	Parnas et al.	219	121.68	
	ARRRR	5,051,558	9/24/1991	Sukhman	219	121.68	
	ASSSS	5,087,805	2/11/1992	Silverschotz et al.	219	121.71	
	ATTTT	5,109,149	4/28/1992	Leung	219	121.69	
	AUUUU	5,120,928	6/9/1992	Piliero	219	121.68	
	AVVVV	5,132,510	7/21/1992	Klingel et al.	219	121.89	
	AWWWW	5,166,505	11/24/1992	Gorriz et al.	250	201.7	
	AXXXX	5,168,454	12/1/1992	LaPlante et al.	700	166	
	AYYYY	5,170,279	12/8/1992	Schwartz et al.	359	217	
	AZZZZ	5,206,496	4/27/1993	Clement et al.	280	271	
	AAAAAA	5,229,573	7/20/1993	Stone et al.	219	121.68	
	ABBBBB	5,229,574	7/20/1993	Stone	219	121.68	
	ACCCCC	5,327,529	7/5/1994	Fults et al.	345	762	
WP	ADDDDD	5,367,152	11/22/1994	Krichever et al.	235	462.17	

Examiner Signature H. A. Chapman	Date Considered 11/4/02
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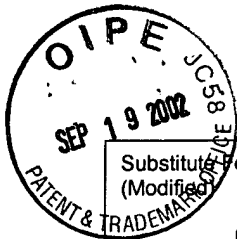
U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
68	AEEEEEE	5,375,722	12/27/1994	Leary et al.	209	578	
	AFFFFF	5,653,900	8/5/1997	Clement et al.	219	121.69	
	AGGGGC	5,734,412	3/31/1998	Hasebe et al.	347	247	
	AHHHHE	5,906,609	5/25/1999	Assa et al.	606	9	
	AIIIII	5,938,657	8/17/1999	Assa et al.	606	9	
	AJJJJJ	5,966,457	10/12/1999	Lemelson	382	141	
69	AKKKKK	6,061,081	5/9/2000	Hasebe et al.	347	247	

Foreign Patent Documents or Published Foreign Patent Applications

Examine r Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
68	ALLLLL	DD 243 798 A1	11/3/1987	Germany	—	—		X
	AMMMMM	2 450 455	9/26/1980	France	—	—		X
	ANNNNN	EP 0 729 806 A1	9/4/1996	EPO	—	—	X	
	AOOOOO	EP 0 729 906 B1	6/28/2000	EPO	—	—	X	
	APPPPP	EP 0 531 584 A1	3/17/1993	EPO	—	—		X
	AQQQQQ	EP 0 519 391 A1	12/23/1992	EPO	—	—	X	
	ARRRRR	EP 0 516 199 A1	12/2/1992	EPO	—	—	X	
	ASSSSS	EP 0 400 476 A2	12/5/1990	EPO	—	—	X	
	ATTTTT	EP 0 495 647 B1	7/22/1992	EPO	—	—	X	
	AUUUUU	EP 0 531 565 A1	3/17/1993	EPO	—	—		X
	AVVVVV	EP 0 464 270 A1	1/8/1992	EPO	—	—	X	
	AWWWWW	EP 0 453 733 A1	10/30/1991	EPO	—	—		X
	AXXXXX	EP 0 446 887 A1	9/18/1991	EPO	—	—	X	
	AYYYYY	EP 0 446 482 A1	9/18/1991	EPO	—	—		X
	AZZZZZ	EP 0 420 198 B1	4/3/1991	EPO	—	—	X	
	69	AAAAAA	EP 0 419 377 A1	3/27/1991	EPO	—	—	
ABBBBB		EP 0 402 298 B1	7/7/1993	EPO	—	—	X	

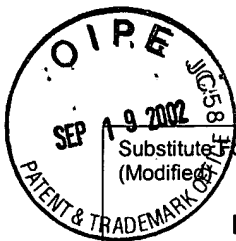
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
b7p	ACCCCCC	EP 0 391 540 A2	10/10/1990	EPO	—	—	X	
	ADDDDDD	EP 0 391 539 A2	10/10/1990	EPO	—	—	X	
	EEEEEEE	EP 0 316 347 B1	5/24/1989	EPO	—	—		X
	AAAAFFF	EP 0 276 995 B1	8/3/1988	EPO	—	—	X	
	AGGGGGG	EP 0 262 225 A1	4/6/1988	EPO	—	—		X
	AHHHHHH	EP 0 244 574 A1	11/11/1987	EPO	—	—		X
	AIIIIII	EP 0 233 146 B1	8/19/1987	EPO	—	—		X
	AJJJJJJ	EP 0 233 146 A1	8/19/1987	EPO	—	—		X
	AKKKKKK	EP 0 215 389 B1	3/25/1987	EPO	—	—		X
	ALLLLLL	EP 0 176 872 A1	4/9/1986	EPO	—	—		X
	MMMMMMN	EP 0 168 351 B1	1/15/1986	EPO	—	—		X
	ANNNNNN	EP 0 168 351 A1	1/15/1986	EPO	—	—		X
	AOOOOOO	EP 0 141 724 B1	5/15/1985	EPO	—	—		X
	APPPPPP	GB 2 126 955 A	4/4/1984	UK	—	—		
	AQQQQQQ	GB 1 360 380	7/17/1974	UK	—	—		
	ARRRRRR	GB 1 467 152	3/16/1977	UK	—	—		
	ASSSSSS	GB 2 252 068 A	7/29/1992	UK	—	—		
	ATTTTTT	GB 2 073 639 A	10/21/1981	UK	—	—		
	AUUUUUU	GB 2 169 282 A	7/9/1986	UK	—	—		
	AVVVVVV	GB 2 253 282 A	9/2/1992	UK	—	—		
	WWWWWV	GB 2 157 851 A	10/30/1985	UK	—	—		
	AXXXXXX	GB 2 131 417 A	6/20/1984	UK	—	—		
	AYYYYYY	GB 2 247 677 A	3/11/1992	UK	—	—		
	AZZZZZZ	GB 2 229 389 A	9/26/1990	UK	—	—		
	AAAAAAA	GB 2 078 621 A	1/13/1982	UK	—	—		
	BBBBBBB	GB 2 059 354 A	4/23/1981	UK	—	—		
b7p	ACCCCCC	GB 2 133 352 A	7/25/1984	UK	—	—		

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							Yes	No
bp	DDDDDDDD	GB 2 133 180 A	7/18/1984	UK	-	-		
	EEEEEEEE	GB 1 541 214	2/28/1979	UK	-	-		
	FFFFFFF	GB 1 450 251	9/22/1976	UK	-	-		
	GGGGGGG	WO 81/01889	7/9/1981	WIPO	-	-	X	
	HHHHHHH	WO 90/00459	1/25/1990	WIPO	-	-	X	
	IIIIIII	WO 86/04549	8/14/1986	WIPO	-	-		X
	AJJJJJJ	WO 91/04828	4/18/1991	WIPO	-	-	X	
	KKKKKKK	WO 82/00635	3/4/1982	WIPO	-	-	X	
	LLLLLLL	WO 92/04155	3/19/1992	WIPO	-	-	X	
	MMMMMM	WO 85/00123	1/17/1985	WIPO	-	-	X	
	NNNNNNN	WO 92/12820	8/6/1992	WIPO	-	-	X	
	OOOOOOO	WO 90/04223	4/19/1990	WIPO	-	-		X
	APPPPPP	WO 89/01385	2/23/1989	WIPO	-	-		X
	QQQQQQQ	WO 91/12923	5/5/1991	WIPO	-	-		X
	RRRRRRR	WO 93/15029	8/5/1993	WIPO	-	-		X
	ASSSSSS	WO 92/09399	6/11/1992	WIPO	-	-	X	
	ATTTTTT	JP 59207246	11/24/1984	Japan (English abstr.)	-	-	X	
	UUUUUUU	JP 2187289	7/23/1990	Japan (English abstr.)	-	-	X	
	VVVVVVV	JP 2863872	12/18/1988	Japan	-	-		X
	WWWWWW	JP 5973191	5/19/1984	Japan	-	-		X
	XXXXXXXX	JP 60106686	6/12/1985	Japan	-	-		X
	YYYYYYY	JP 1166893	6/30/1989	Japan	-	-		X
	AZZZZZZ	JP 63248589	10/14/1988	Japan (English abstr.)	-	-	X	
	AAAAAAA	JP 5942194	3/8/1984	Japan (English abstr.)	-	-	X	
	BBBBBBB	JP 5169286	7/9/1993	Japan	-	-		X
	CCCCCCC	JP 376677	4/2/1991	Japan	-	-		X
bp	DDDDDDD	JP 5945091	3/13/1984	Japan	-	-		X

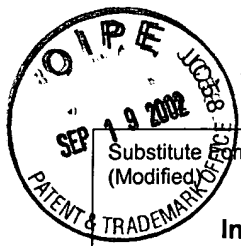
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Harsh Pham

Date Considered

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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	BBBBBB	Spencer, J. "Labeling & Marking", <i>Handling and Shipping Management</i> , January, 1983
	CCCCC	Stovicek, D. "No Longer Science Fiction, Lasers are Now a Part of Every Day Life in Industry", <i>Automation</i> , August, 1989
	DDDDDD	"What's Ahead in Marking and Labeling", <i>Modern Materials Handling</i> , October, 1985

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